

METHOD AND APPARATUS FOR AUTO-GENERATION OF
HORIZONTAL SYNCHRONIZATION OF AN ANALOG SIGNAL TO
A DIGITAL DISPLAY

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ABSTRACT OF THE DISCLOSURE

A method of automatic generation of horizontal synchronization of an analog signal to a digital display is described. Accordingly, a number of features are found and for each of a range of test H_{total} values, a pixel co-ordinate value for each of the 10 found features is calculated. A pixel co-ordinate remainder value associated with each of the pixel co-ordinate values is determined and a maximum gap value of the pixel co-ordinate remainder values associated with a true horizontal resolution. is determined.